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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/623,351	07/18/2003	Bernard O. Li	H0004337 (1139.1132101)	5032
22913 73	590 05/14/2004		EXAMIN	IER
WORKMAN NYDEGGER (F/K/A WORKMAN NYDEGGER &			GHYKA, ALEXANDER G	
SEELEY) 60 EAST SOU'	ТН ТЕМРГЕ		ART UNIT	PAPER NUMBER
			2812	
1000 EAGLE (CITY, UT 84111			

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)					
	10/623,351	LI, BERNARD O.					
Office Action Summary	Examiner	Art Unit					
	Alexander G. Ghyka	2812					
Th MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	correspondence address					
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	6(a). In no event, however, may a reply be tin within the statutory minimum of thirty (30) day ill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133).					
Status							
1) Responsive to communication(s) filed on 05 Ma	arch 2004						
3) Since this application is in condition for allowan	•	secution as to the merits is					
closed in accordance with the practice under E.	· · · · · · · · ,	•					
Disposition of Claims							
4)⊠ Claim(s) <u>1-20</u> is/are pending in the application.							
4a) Of the above claim(s) <u>1-4</u> is/are withdrawn f							
5) Claim(s) is/are allowed.	ioni consideration.	ALEXANDER GHYKA					
6)⊠ Claim(s) <u>5-9,11,12,14,16,18 and 19</u> is/are reject	tod	PRIMARY EXAMINER					
7)⊠ Claim(s) <u>5-9,11,12,14,10,16 and 19</u> is/are rejection.							
8) Claim(s) 10, 13, 13, 17 and 20 is/are objected to:	•	110 2815					
are subject to restriction and/or	eicolloir requirement.	al all					
Application Papers		· Unit jaga					
9)☐ The specification is objected to by the Examiner							
10) The drawing(s) filed on is/are: a) acce	pted or b) objected to by the E	Examiner.					
Applicant may not request that any objection to the d	rawing(s) be held in abeyance. See	e 37 CFR 1.85(a).					
Replacement drawing sheet(s) including the correction	on is required if the drawing(s) is obj	ected to. See 37 CFR 1.121(d).					
11) The oath or declaration is objected to by the Exa	miner. Note the attached Office	Action or form PTO-152.					
Priority under 35 U.S.C. § 119							
12)☐ Acknowledgment is made of a claim for foreign	priority under 35 U.S.C. § 119(a)	-(d) or (f).					
a) ☐ All b) ☐ Some * c) ☐ None of:	have been received						
1. Certified copies of the priority documents2. Certified copies of the priority documents		N1-					
	* *						
3. Copies of the certified copies of the priori	•	d in this National Stage					
* See the attached detailed Office action for a list of		d ·					
		⊶.					
Attachment(s)	•						
1) Motice of References Cited (PTO-892)	4) Interview Summary (PTO-413)					
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Da	te					
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date	5) Notice of Informal Pa	atent Application (PTO-152)					
	-/ <u></u> .	,					

Application/Control Number: 10/623,351

Art Unit: 2812

DETAILED ACTION

Claims 5-20 have been elected without traverse.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 5-9, 11-12, 14, 16 and 18-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Batcheldor (US 5,908,661).

The present claims generally require preparing a wafer for a fabrication process comprising providing a wafer receiving apparatus for receiving a wafer of a first size, the wafer receiving apparatus including a recessed portion having a depth; placing a wafer of the first size in the recessed portion of the wafer receiving apparatus; applying photoresist on the wafer and spinning the wafer and the wafer receiving apparatus while the wafer is paced in the recessed portion of the wafer receiving apparatus.

Batchelor disclose the application of photoresist on wafers using a spin coating apparatus. See column 4, lines 50-60. As required in present claims 5 and 12, Batchelor disclose placing a wafer of the first size in the recessed portion of the wafer receiving apparatus applying photoresist on the wafer and spinning the wafer and the wafer receiving apparatus while the wafer is placed in the recessed portion of the wafer

Application/Control Number: 10/623,351

Art Unit: 2812

receiving apparatus. See Figures 2A, 2 B and column 5, line 55 to column 6, line 10. As required in Claims 6, 7, 14 and 16, Batchelor discloses that the depth of the recessed portion flattens the photoresist profile and is substantially equal to the thickness of the wafer. See Figure 2A, 230 and 250 and Figure 4B. As required by Claims 9, 18 and 19, Batchelor discloses the use of a vacuum force to secure the wafer. See column 5, lines 50-55. As required by Claim 11, the spinning step distributes the photoresist on both the wafer and the wafer receiving apparatus. See Figure 3A, 202 and 252. Therefore, Batchelor anticipates the claims at hand.

Allowable Subject Matter

Claims 10, 13, 15, 17 and 20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. The cited prior art does not suggest the expansion of the fluid, the use of wafers of a second size larger than the first size, or the depth of the recessed portion as recited by the afore mentioned claims

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander G. Ghyka whose telephone number is (571) 272-1669. The examiner can normally be reached on Monday through Thursday during general business hours.

Application/Control Number: 10/623,351

Art Unit: 2812

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John F Niebling can be reached on (571) 272-1679. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AGG May 11, 2004 PRIMARY EXAMINER